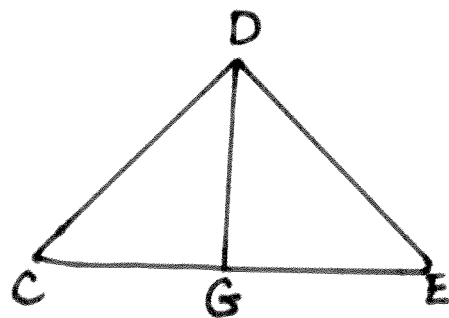


Assignment

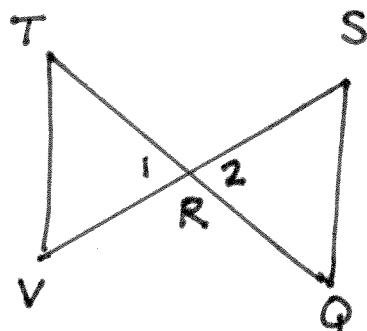
Determine whether $\triangle ABC \cong \triangle XYZ$. Explain.

1. $A(5,2), B(1,5), C(0,0), X(-3,3), Y(-7,6), Z(-8,1)$

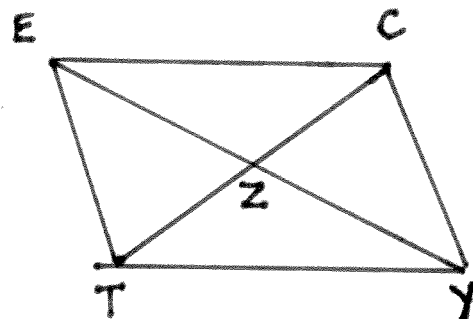
2. Given: $\triangle CDE$ is isosceles
G is the midpoint of \overline{CE}
Prove: $\triangle CDG \cong \triangle EDG$



3. Given: $\angle V \cong \angle S$; $\overline{TV} \cong \overline{QS}$
Prove: $\overline{VR} \cong \overline{SR}$



4. Given: Z is the midpoint of \overline{CT}
Prove: $\overline{CY} \parallel \overline{TE}$
 $\overline{YZ} \cong \overline{EZ}$



5. Given: \overline{DL} bisects \overline{BN} ,
 $\angle XLN \cong \angle XDB$
Prove: $\overline{LN} \cong \overline{DB}$

